BESECURE™

Call 1-410-838-8780 or visit us online at **beacon-usa.com**

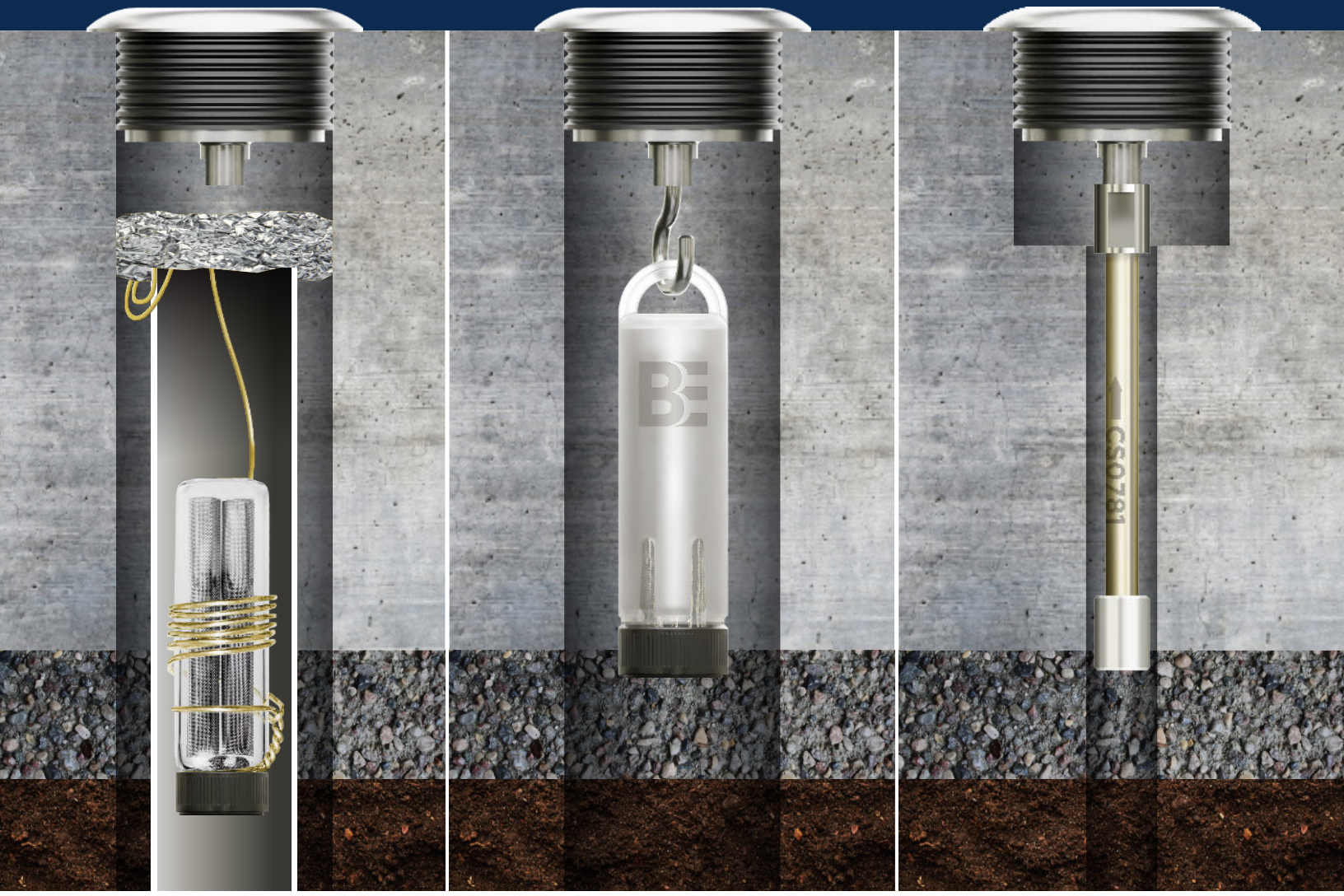


SUB-SLAB SAMPLING IS NOW EASIER, FASTER, AND MORE SECURE!

Introducing the new **BESECURE** Plug™ provided by Beacon Environmental. Designed for sub-slab soil gas sampling, this innovative, easy-to-use plug creates a gas-tight seal and provides the versatility to sample soil gas following the industry's best practices and your preferred sampling procedures. With its durable design, the **BESECURE** Plug makes sampling easier, faster, more versatile, and more secure, while delivering reliable data that meet project required reporting limits in ug/m^3. To learn more, contact Beacon at 1-410-838-8780 or info@beacon-usa.com.

BENEFITS

- Easy and Rapid to Install
- Creates a Gas-Tight Seal
- Completely Inert Materials
- Versatile and Reusable



Beacon Environmental is ISO/IEC 17025:2017, DoD ELAP QSM 6.0 and NELAP accredited for the analysis of sorbent samples following US EPA Methods TO-17, TO-15, 8260D and 325B.



PASSIVE SOIL GAS SAMPLER REPORTING LIMITS

Limits of Quantitation (LOQs) based on Exposure Periods and Third-Party Validated Uptake Rates. When required, lower detection limits can be reported.

COMPOUND	CAS	Uptake Rate (ml/min)	1 Day LOQ (ug/m³)	3 Days LOQ (ug/m³)	7 Days LOQ (ug/m³)	14 Days LOQ (ug/m³)
Vinyl Chloride	75-01-4	0.81	8.57	2.86	1.22	0.61
1,1-Dichloroethene	75-35-4	0.33	21.04	7.01	3.01	1.50
Methylene Chloride	75-09-2	0.35	19.84	6.61	2.83	1.42
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	0.89	7.80	2.60	1.11	0.56
trans-1,2-Dichloroethene	156-60-5	0.44	15.78	5.26	2.25	1.13
Methyl-t-butyl ether	1634-04-4	0.50	34.72	11.57	4.96	2.48
1,1-Dichloroethane	75-34-3	0.85	8.17	2.72	1.17	0.58
cis-1,2-Dichloroethene	156-59-2	0.53	13.10	4.37	1.87	0.94
Chloroform	67-66-3	0.35	19.84	6.61	2.83	1.42
1,2-Dichloroethane	107-06-2	0.56	12.40	4.13	1.77	0.89
1,1,1-Trichloroethane	71-55-6	1.05	6.61	2.20	0.94	0.47
Cyclohexane	110-82-7	0.51	34.04	11.35	4.86	2.43
Carbon Tetrachloride	56-23-5	0.43	16.32	5.44	2.33	1.17
Benzene	71-43-2	0.53	32.76	10.92	4.68	2.34
Trichloroethene	79-01-6	0.33	21.04	7.01	3.01	1.50
1,4-Dioxane	123-91-1	0.41	16.94	5.65	2.42	1.21
1,1,2-Trichloroethane	79-00-5	0.33	21.04	7.01	3.01	1.50
Toluene	108-88-3	0.40	43.40	14.47	6.20	3.10
1,2-Dibromoethane (EDB)	106-93-4	0.39	18.03	6.01	2.58	1.29
Tetrachloroethene	127-18-4	0.41	16.94	5.65	2.42	1.21
1,1,1,2-Tetrachloroethane	630-20-6	0.41	17.04	5.65	2.43	1.22
Chlorobenzene	108-90-7	0.85	8.17	2.72	1.17	0.58
Ethylbenzene	100-41-4	0.85	20.42	6.81	2.92	1.46
p & m-Xylene	108-38-3	0.88	19.73	6.58	2.82	1.41
o-Xylene	95-47-6	0.88	19.73	6.58	2.82	1.41
1,2,3-Trichloropropane	96-18-4	0.75	9.26	3.09	1.32	0.66
Isopropylbenzene	98-82-8	0.83	20.92	6.97	2.99	1.49
1,3,5-Trimethylbenzene	108-67-8	0.83	20.92	6.97	2.99	1.49
1,2,4-Trimethylbenzene	95-63-6	0.83	20.92	6.97	2.99	1.49
1,3-Dichlorobenzene	541-73-1	0.75	9.26	3.09	1.32	0.66
1,4-Dichlorobenzene	106-46-7	0.75	9.26	3.09	1.32	0.66
1,2-Dichlorobenzene	95-50-1	0.75	9.26	3.09	1.32	0.66
1,2,4-Trichlorobenzene	120-82-1	0.39	17.72	5.91	2.53	1.27
Naphthalene	91-20-3	0.80	8.68	2.89	1.24	0.62
1,2,3-Trichlorobenzene	87-61-6	0.39	17.72	5.91	2.53	1.27
1-Methylnaphthalene	90-12-0	0.76	9.14	3.05	1.31	0.65
2-Methylnaphthalene	91-57-6	0.76	9.14	3.05	1.31	0.65
TPH C5-C8		0.52	6,410	2,137	916	458
TPH C9-C15		0.71	4,010	1,337	573	286